

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Takeo YASUDA, et al.

SERIAL NO: NEW APPLICATION

GAU:

FILED: HEREWTH

EXAMINER:

FOR: BULB-SHAPED FLUORESCENT LAMP AND ILLUMINATION DEVICE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Registration No. 21,124



22850

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STATEMENT OF RELEVANCY

Reference AO (3262168) on Form PTO-1449:

This information discloses a self-ballasted fluorescent lamp having three or more bent tubes connected as a single discharge path. The outer tube diameter is set to 8-11 mm, and the thickness of the tube is set to 0.7-1.0 mm. The electrodes are sealed at both ends of the discharge path. Mercury vapor pressure can be maintained in a proper range, and the time until the light flux is stabilized can be reduced by providing auxiliary amalgam at the end of the tube placed halfway in the bulb. Since the tube size and amalgam location are suitably defined, the light flux of the fluorescent lamp can be stabilized fast.

Reference AP (2001-243913) on Form PTO-1449:

This information discloses a bulb-shaped fluorescent lamp provided with: a cover having a base; a translucent glove; a light-emitting tube contained in the glove; and a high-frequency lighting circuit having an invert circuit contained in the cover for high frequency lighting. An alloy amalgam constituted with the predetermined composition is contained in the light-emitting tube so as not protrude from a thin tube. The mercury vapor pressure is high at ambient temperature, and light flux is easy to get stable at start-up, and at the same time, suppresses the mercury vapor pressure even if the temperature rises, and so is stable at normal operation time.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 240360US3		SERIAL NO. NEW APPLICATION	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Takeo YASUDA, et al.			
				FILING DATE HEREWITH		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO	3262168	12/21/01	Japan		X	
	AP	2001-243913	09/07/01	Japan		X	
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ						<input type="checkbox"/> Additional References sheet(s) attached
Examiner					Date Considered		
<small>*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							